

1 January – 31 August 2008

Provisional data

Monthly infectious disease summary report

August 2008



Reportable diseases list: <http://doh.sd.gov/Disease/Report.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 August 2008 *Provisional data*

South Dakota infectious disease summary

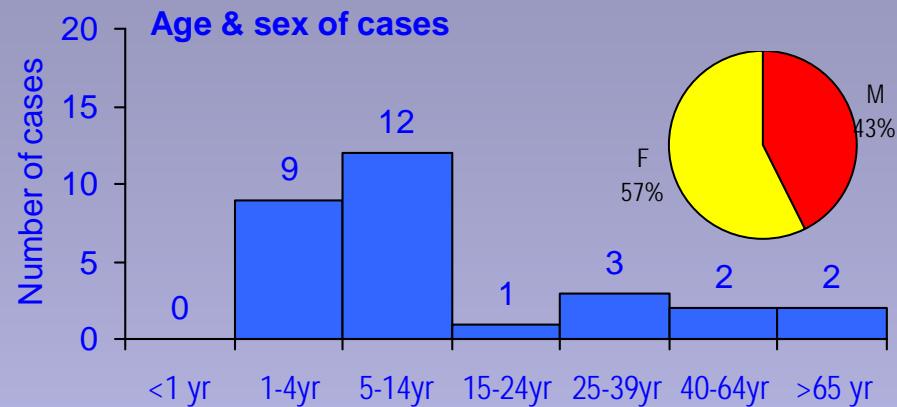
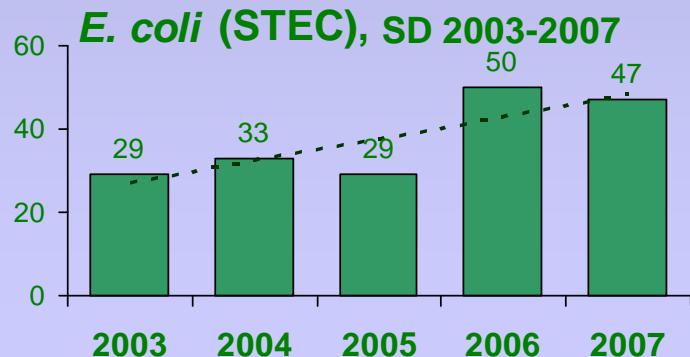
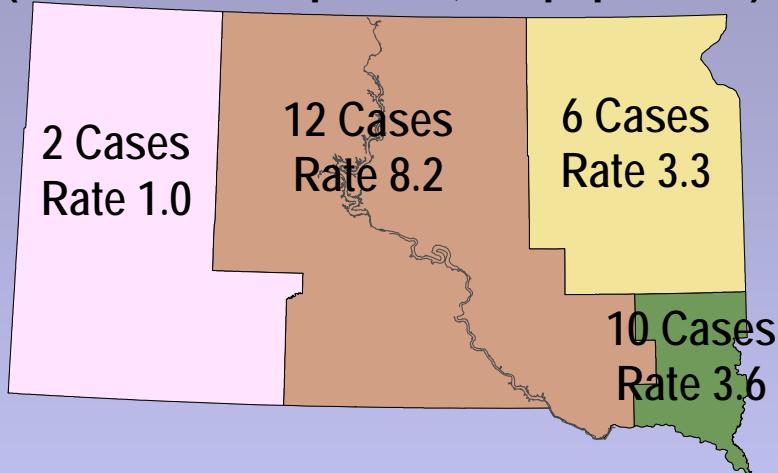
Diseases/Agent	Cases year-to-date	Rate (cases per 100,000 population)	5-yr median cases	Percent change
Campylobacter	198	24.9	177	+12%
Chlamydia	1922	241.4	1723	+12%
Cryptosporidiosis	45	5.7	25	+80%
E. coli, shiga toxin-producing	30	3.8	27	+11%
Giardiasis	70	8.8	60	+17%
Gonorrhea	214	26.9	175	+22%
HIV AIDS	23	2.9	16	+44%
Meningococcal, invasive	2	0.3	3	-33%
MRSA	50	6.3	30	+67%
Pertussis	14	1.8	19	-26%
Rabies, animal	17	NA	55	-69%
Salmonella	99	12.4	99	0%
Shigellosis	76	9.5	28	+171%
Strep A, invasive	16	2.0	12	+33%
Strep B, invasive	10	1.3	9	+11%
Tuberculosis	10	1.3	8	+25%

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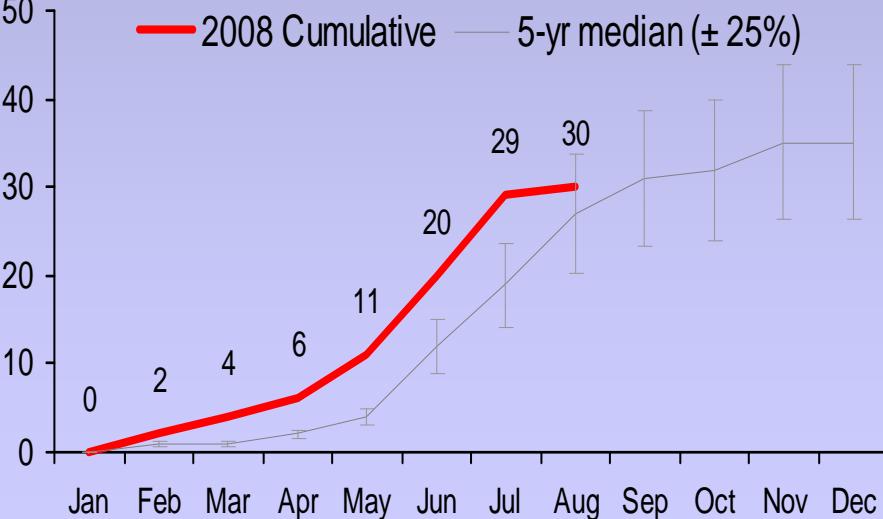
Provisional data

E. coli, shiga toxin-producing, South Dakota

**E. coli, Shiga toxin-producing
South Dakota 30 Cases
(Rate 3.8 cases per 100,000 population)**



Cases by month, 2008 and 5-year median



E. coli fact sheet: <http://doh.sd.gov/diseasefacts>

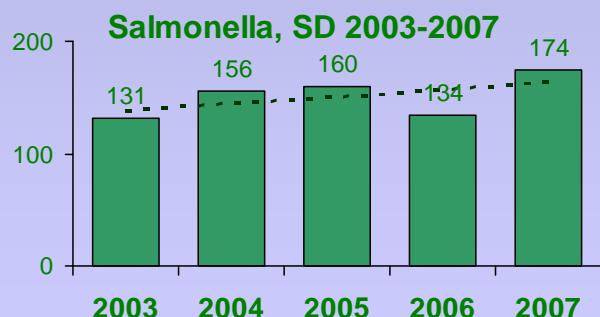
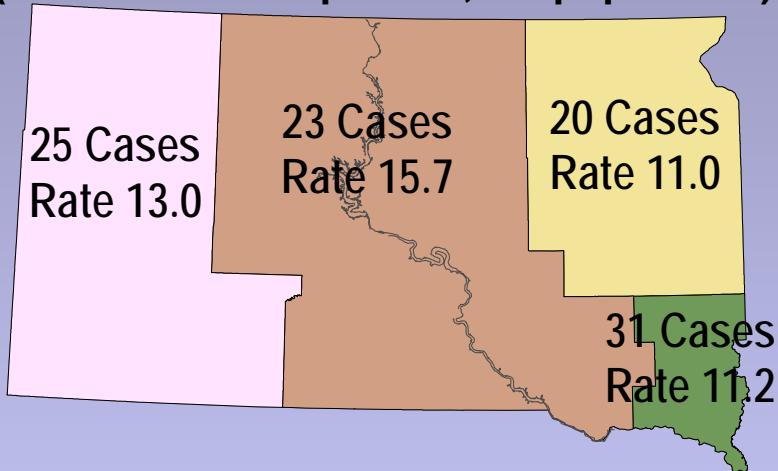
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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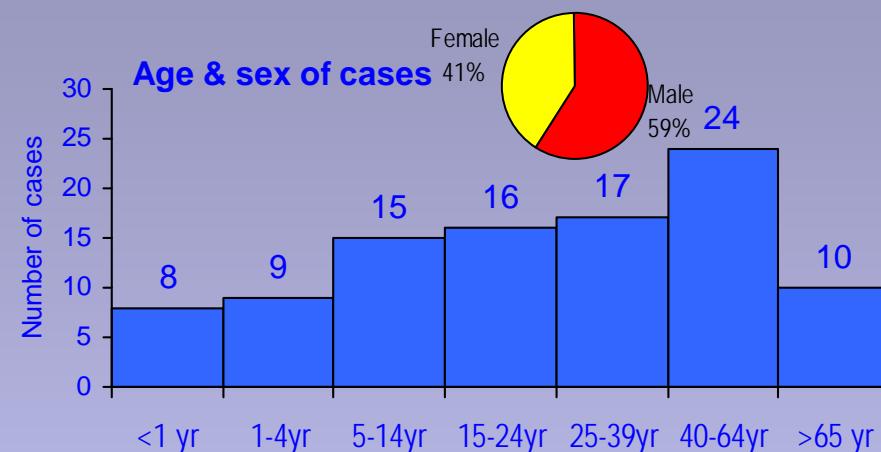
Provisional data

Salmonellosis, South Dakota

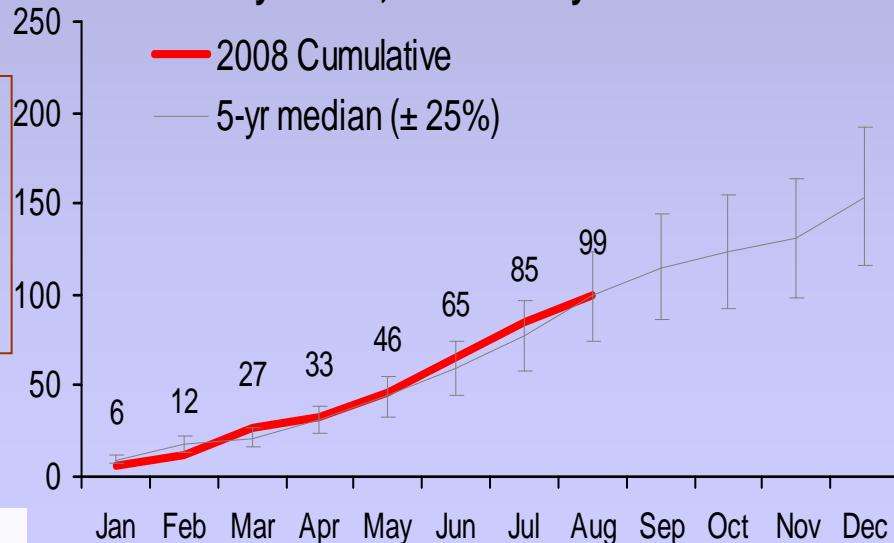
Salmonellosis
South Dakota 99 Cases
(Rate 12.4 cases per 100,000 population)



Serotype (number)
S. Agona 3
S. Enteritidis 19
S. Heidelberg 8
S. Montevideo 5
S. Saintpaul 3
S. Typhimurium 22
All other serotypes <3



Cases by month, 2008 and 5-year median



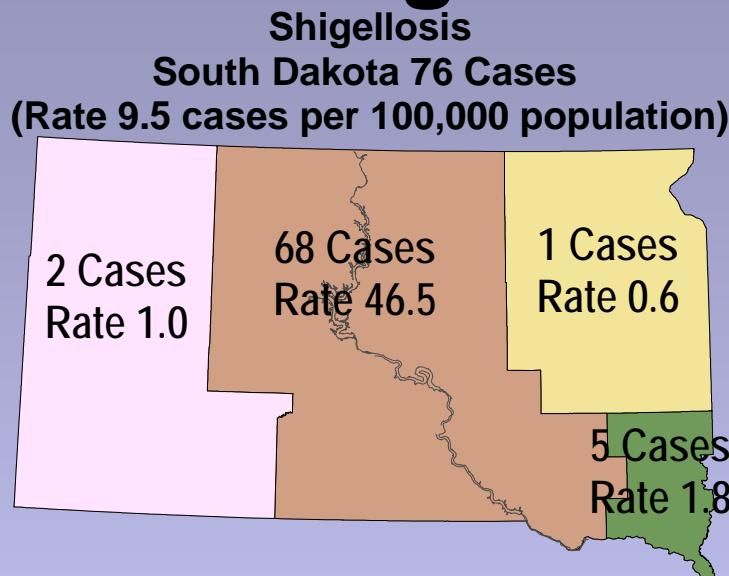
Salmonella fact sheet: <http://doh.sd.gov/diseasefacts>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

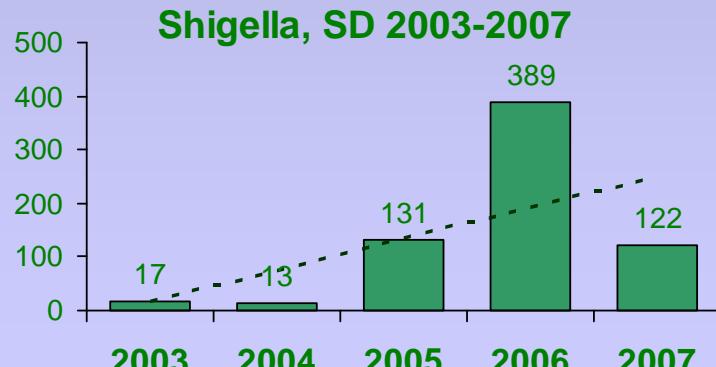
1 January – 31 August 2008

Provisional data

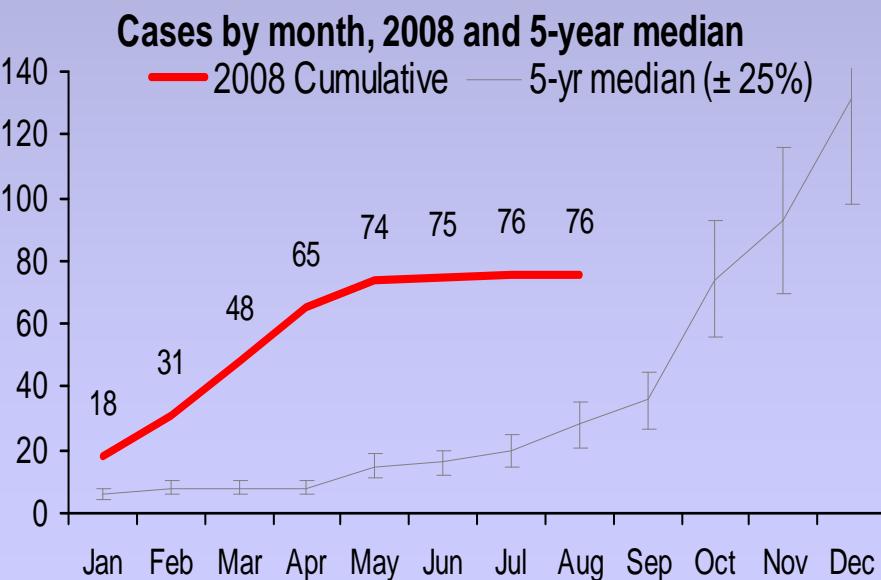
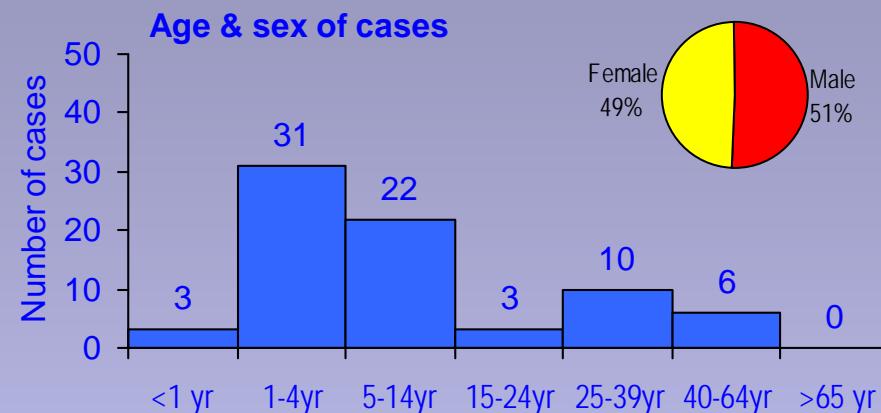
Shigellosis, South Dakota



Shigella sonnei 97%, *Shigella flexneri* 3%



Shigella fact sheet: <http://doh.sd.gov/diseasefacts>

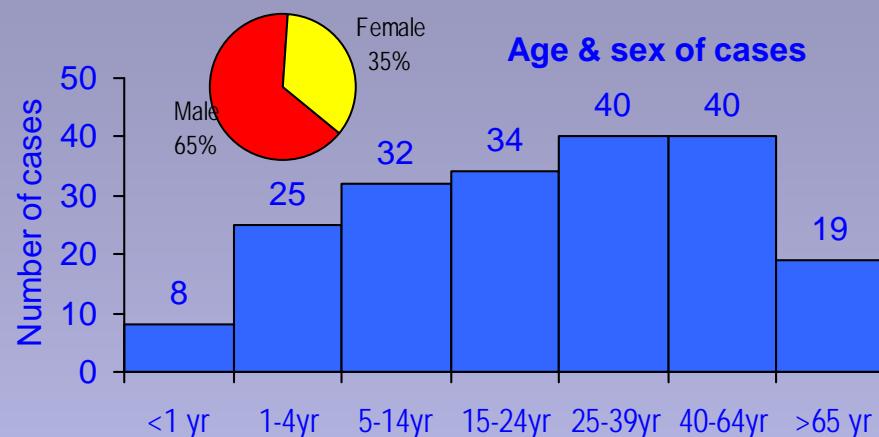
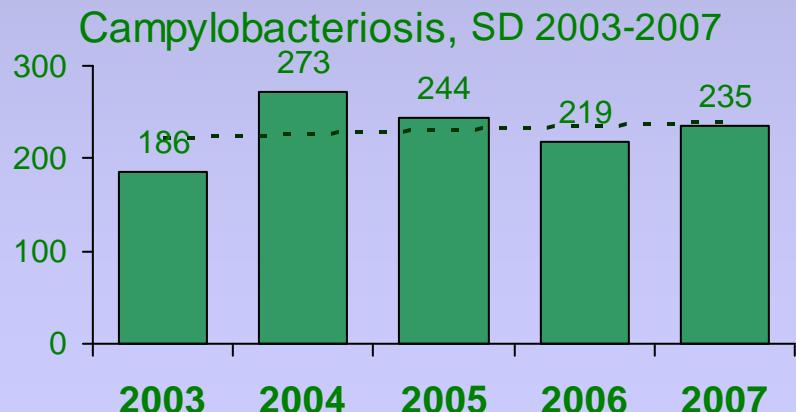
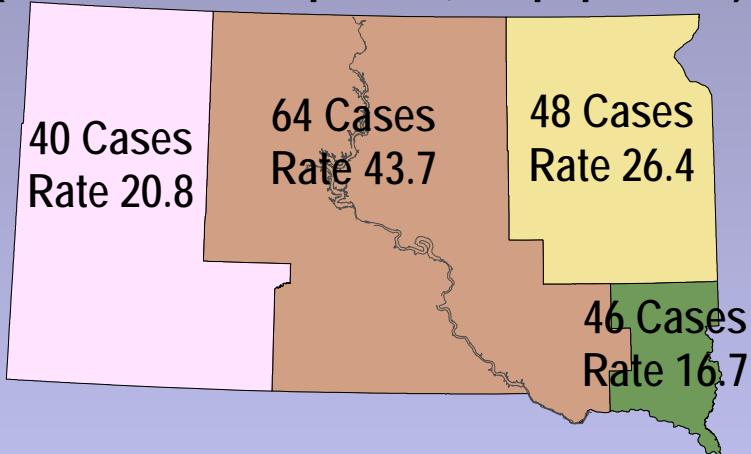


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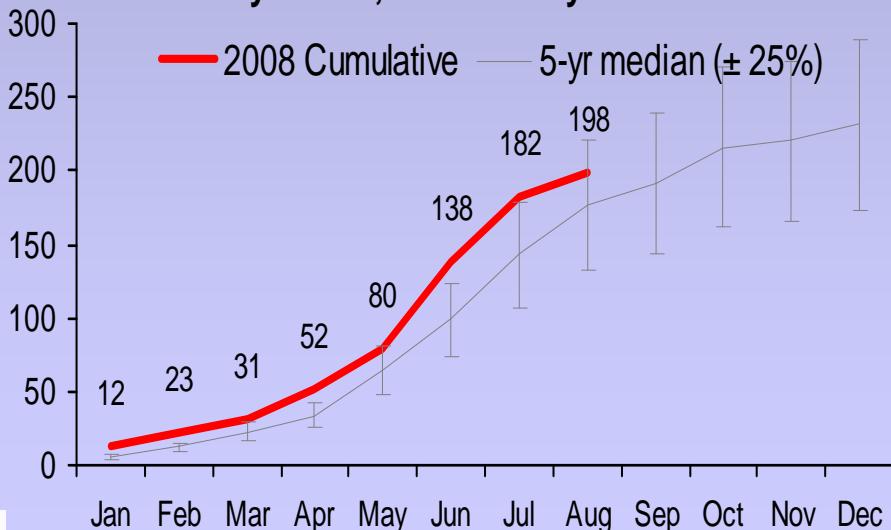
Provisional data

Campylobacteriosis, South Dakota

Campylobacter
South Dakota 198 Cases
(Rate 24.9 cases per 100,000 population)



Cases by month, 2008 and 5-year median



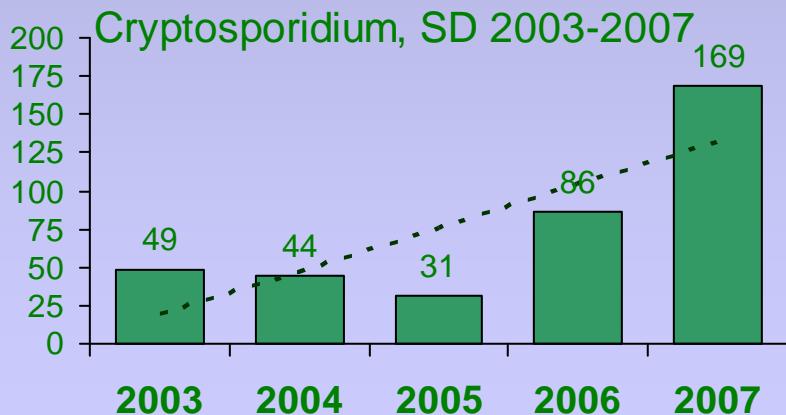
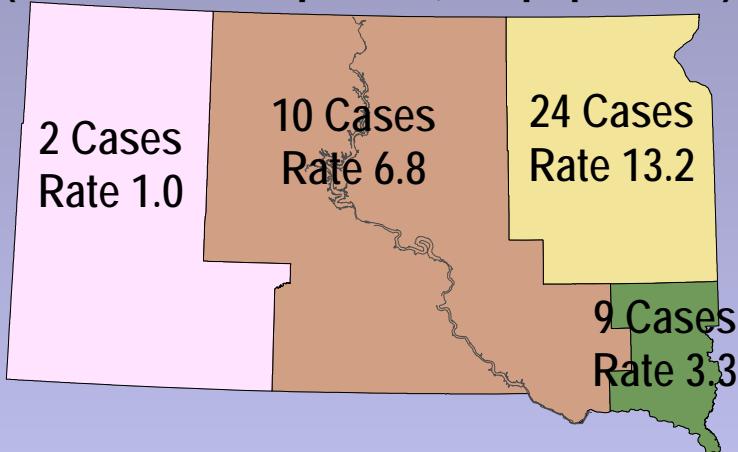
Campylobacter fact sheet: <http://doh.sd.gov/diseasefacts>

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Provisional data

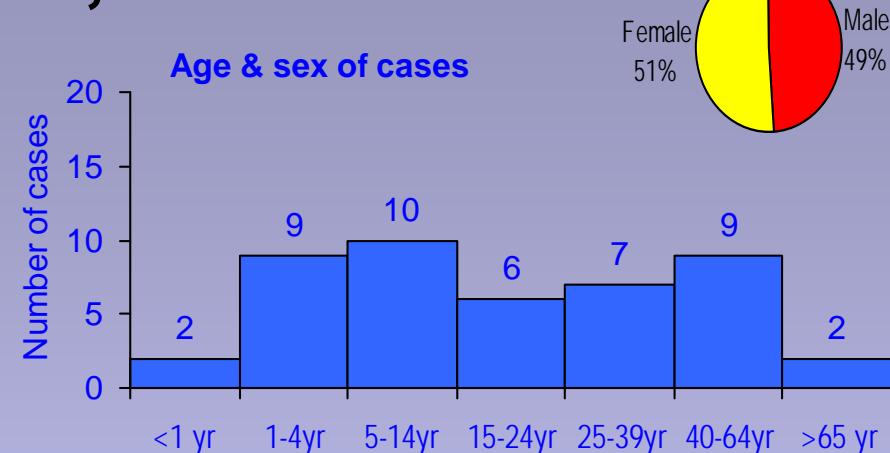
Cryptosporidiosis, South Dakota

Cryptosporidiosis
South Dakota 45 Cases
(Rate 5.7 cases per 100,000 population)

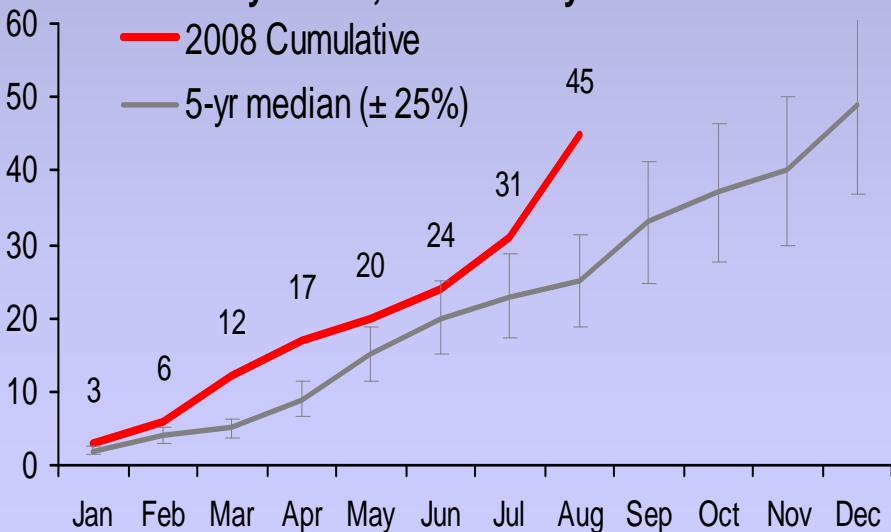


Cryptosporidiosis fact sheet:
<http://doh.sd.gov/diseasefacts>

Age & sex of cases



Cases by month, 2008 and 5-year median

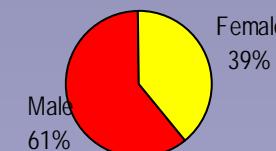
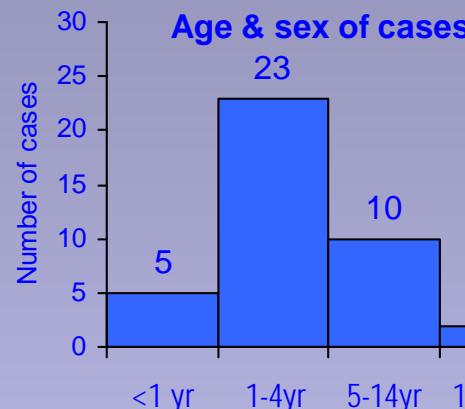
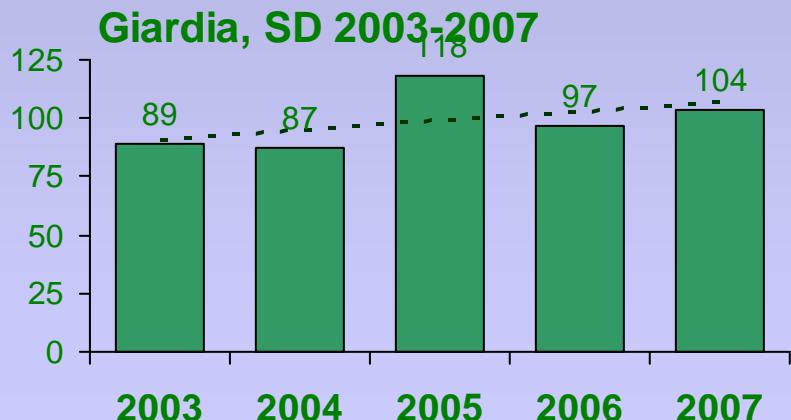
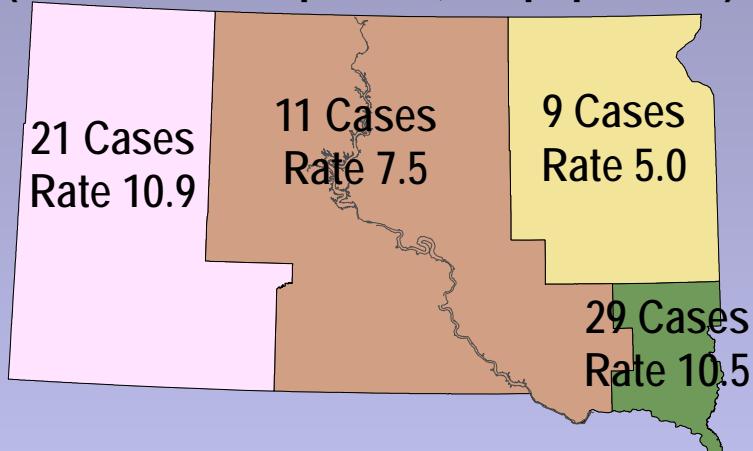


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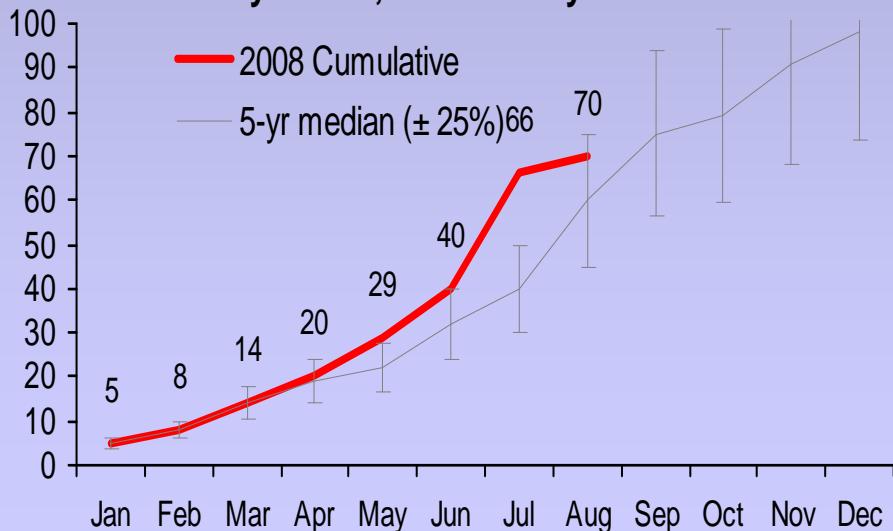
Provisional data

Giardiasis, South Dakota

**Giardiasis
South Dakota 70 Cases
(Rate 8.8 cases per 100,000 population)**



Cases by month, 2008 and 5-year median

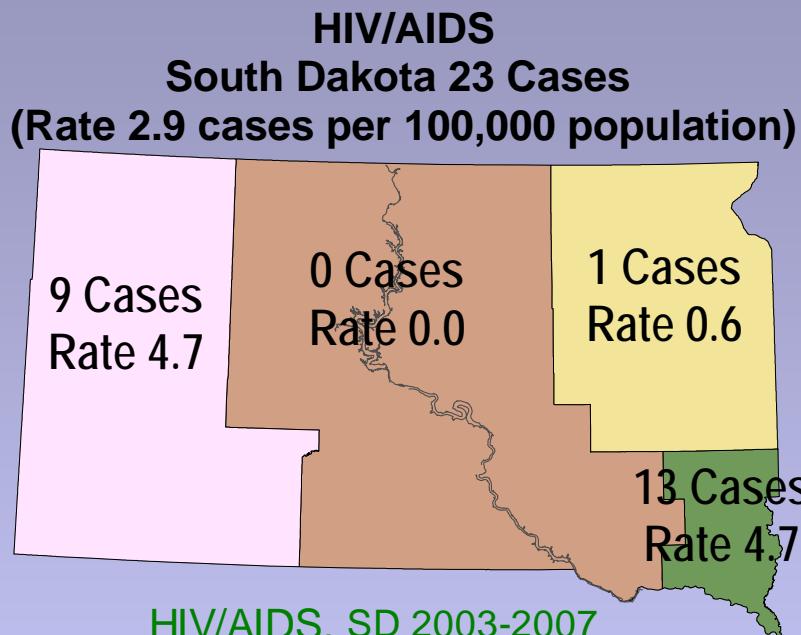


Giardia fact sheet: <http://doh.sd.gov/diseasefacts>

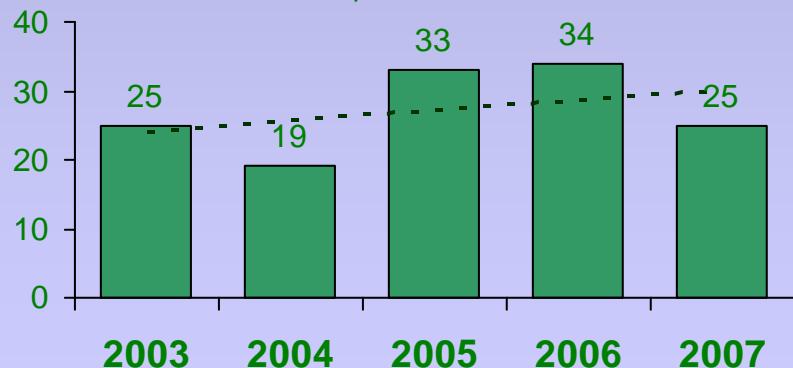
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Provisional data

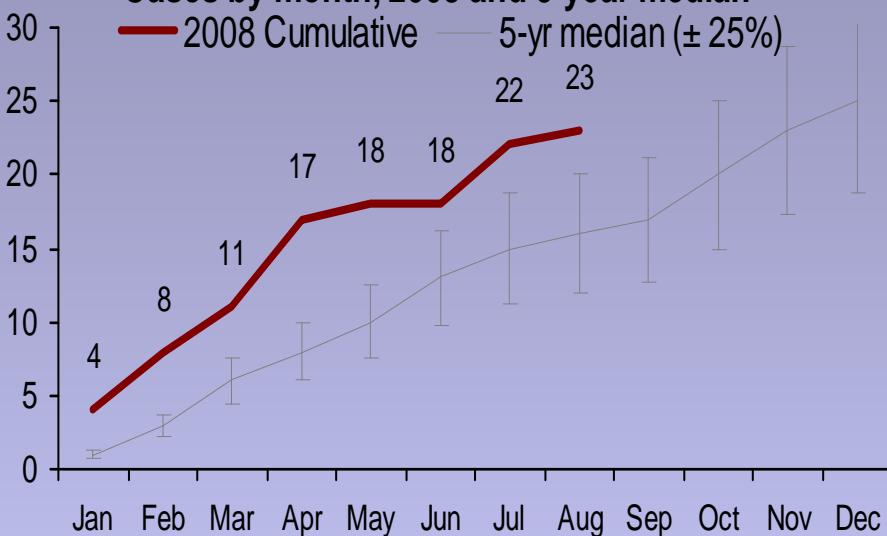
HIV/AIDS, South Dakota



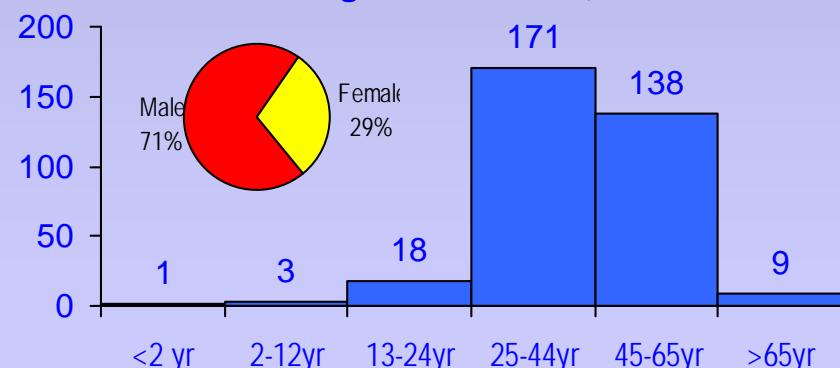
HIV/AIDS, SD 2003-2007



Cases by month, 2008 and 5-year median



Persons living with HIV/AIDS, SD total 340



HIV/AIDS Surveillance : <http://doh.sd.gov/Disease/statistics.aspx>

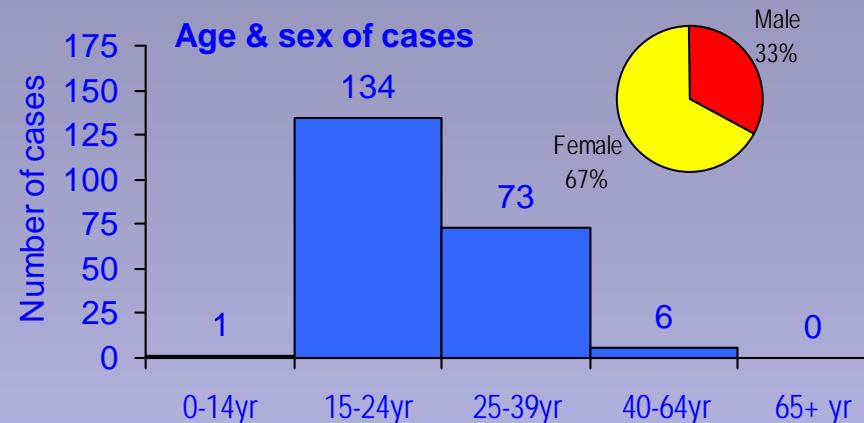
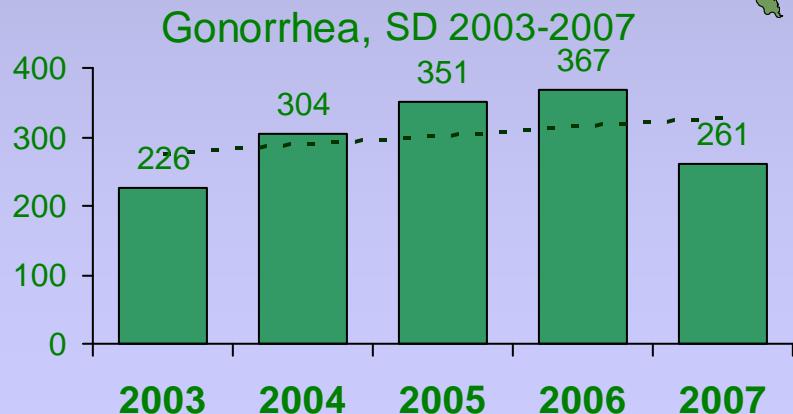
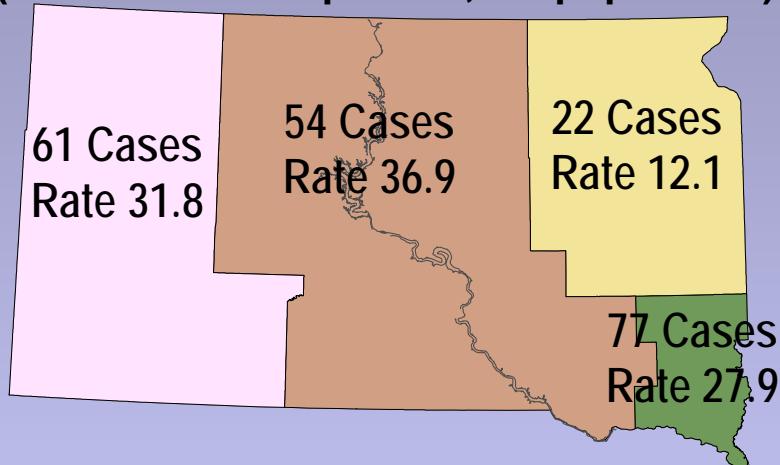
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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Gonorrhea, South Dakota

**Gonorrhea
South Dakota 214 Cases
(Rate 26.9 cases per 100,000 population)**



Cases by month, 2008 and 5-year median



Gonorrhea fact sheet: <http://doh.sd.gov/diseasefacts>

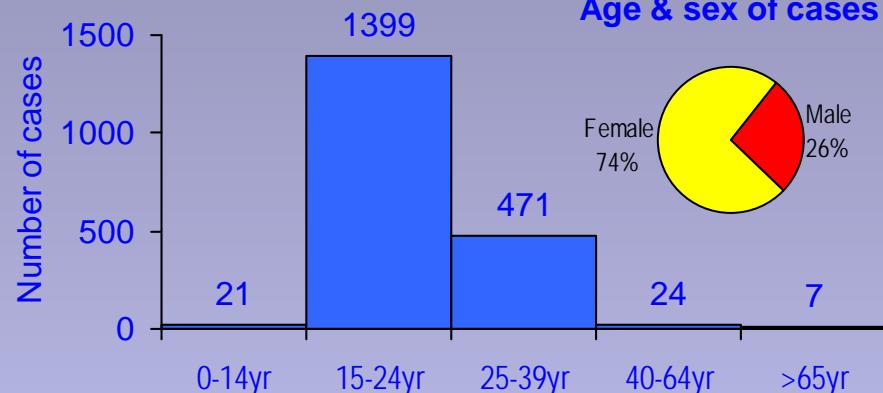
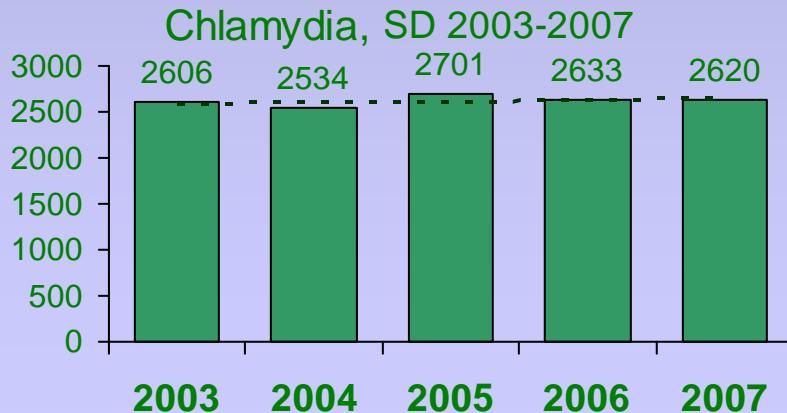
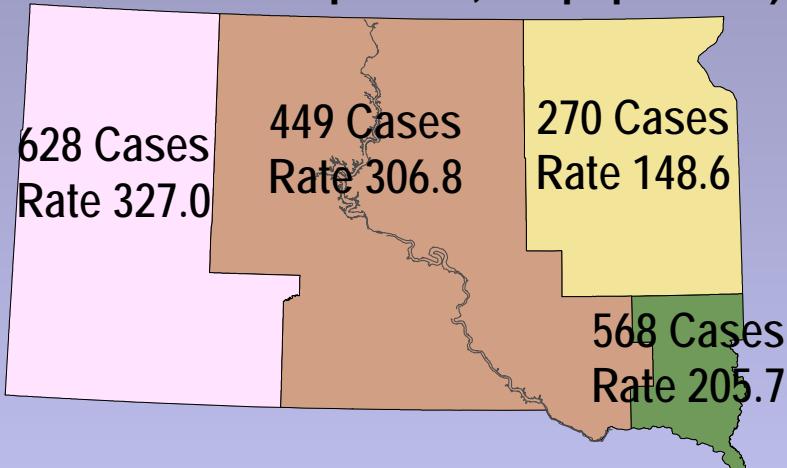
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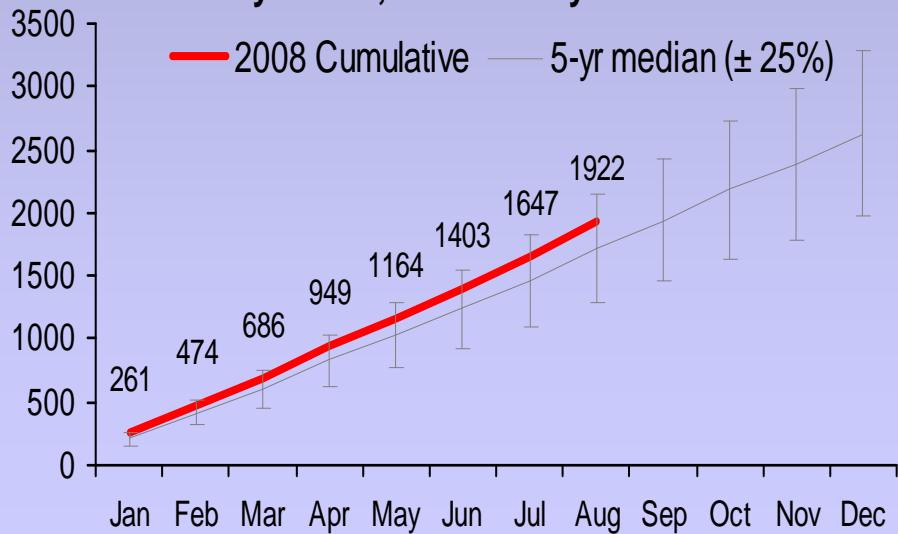
Provisional data

Chlamydia, South Dakota

Chlamydia
South Dakota 1,915 Cases
(Rate 240.5 cases per 100,000 population)



Cases by month, 2008 and 5-year median



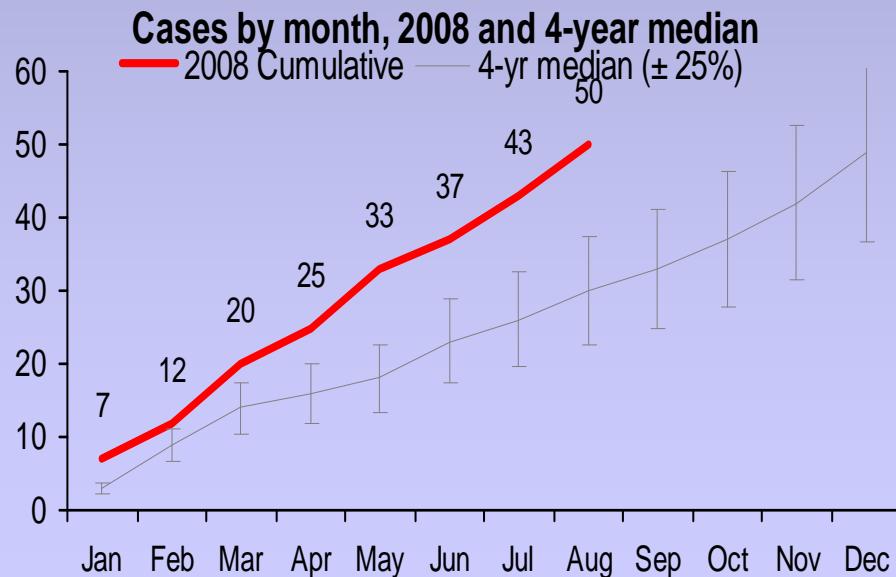
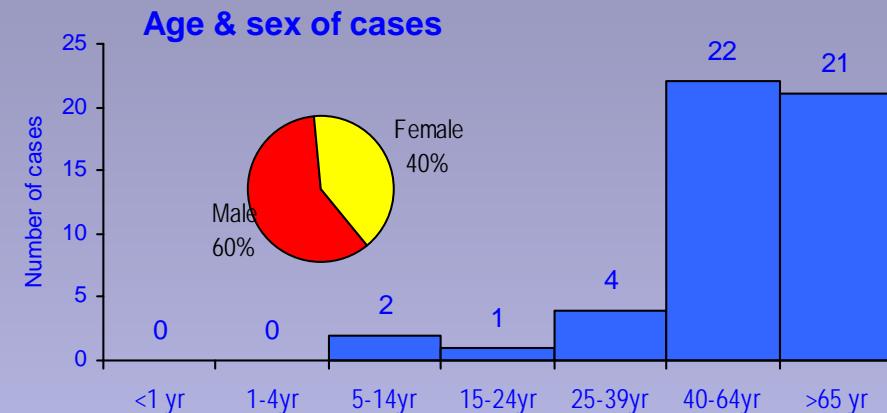
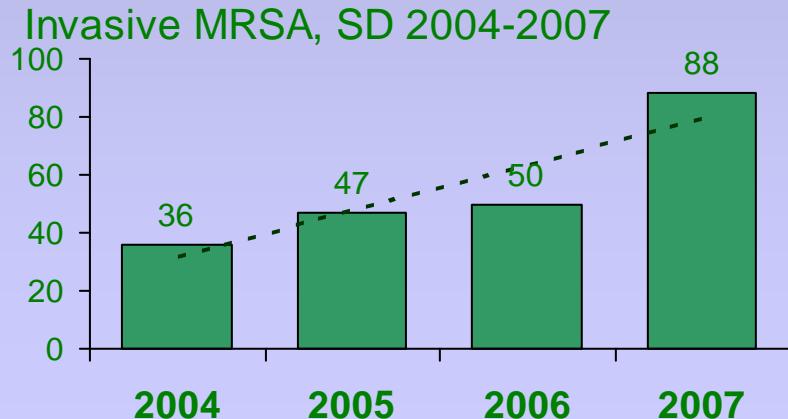
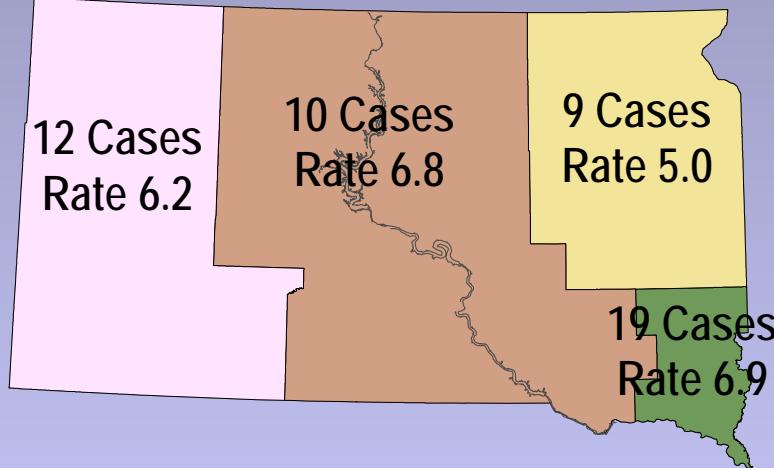
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Invasive MRSA, South Dakota

(Invasive Methicillin-Resistant *Staphylococcus aureus*)

MRSA, Invasive
South Dakota 50 Cases
(Rate 6.3 cases per 100,000 population)

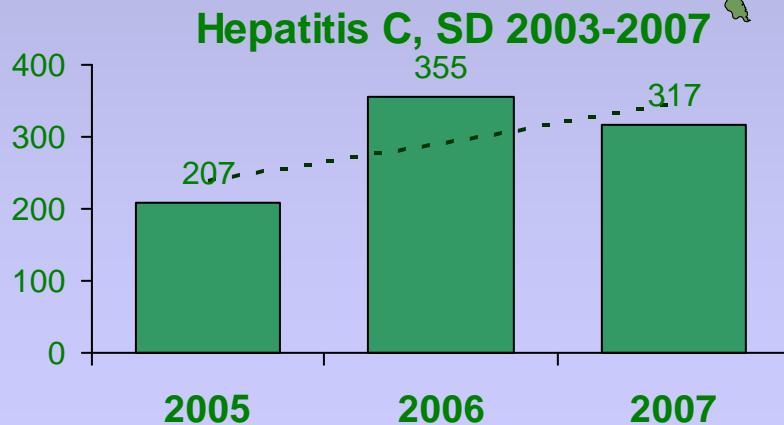
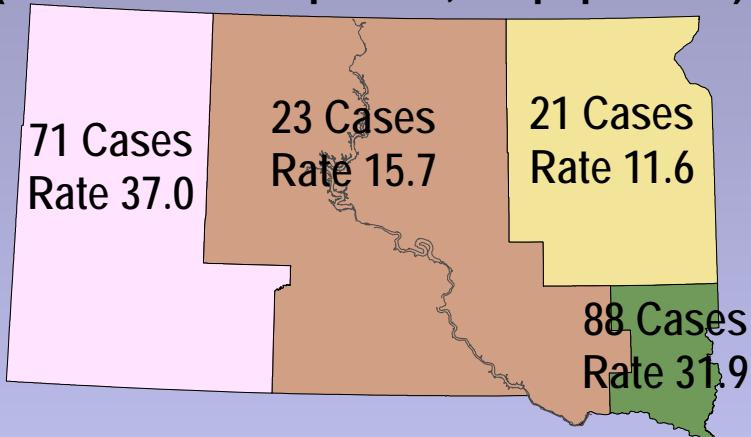


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Provisional data

Hepatitis C (chronic), South Dakota

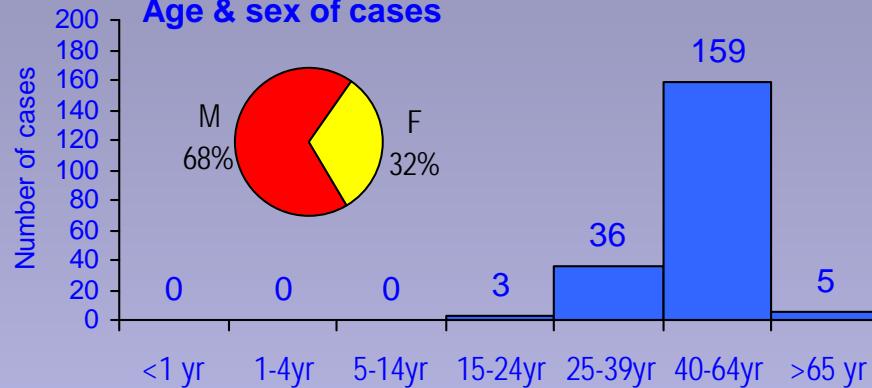
Hepatitis C
South Dakota 203 Cases
(Rate 25.5 cases per 100,000 population)



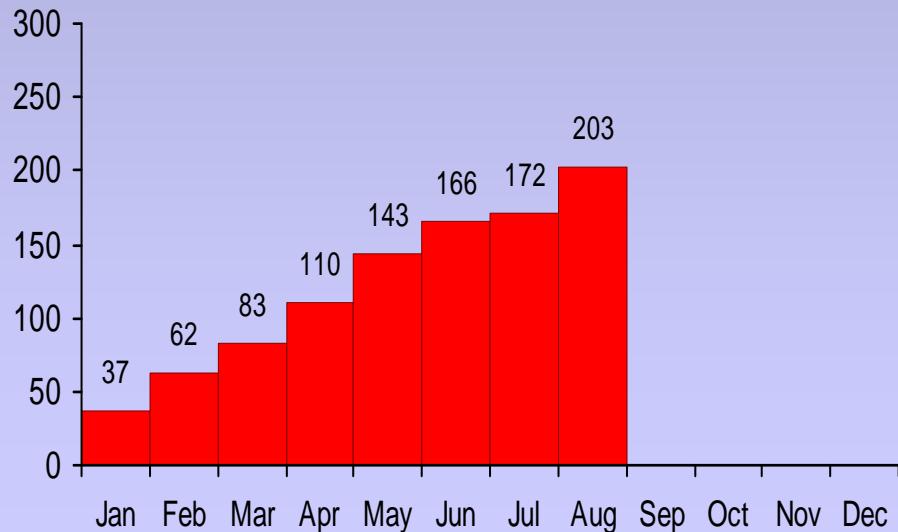
Hepatitis C fact sheet:

<http://doh.sd.gov/diseasefacts/HepatitisC.aspx>

Age & sex of cases



Cases by month, 2008 cumulative

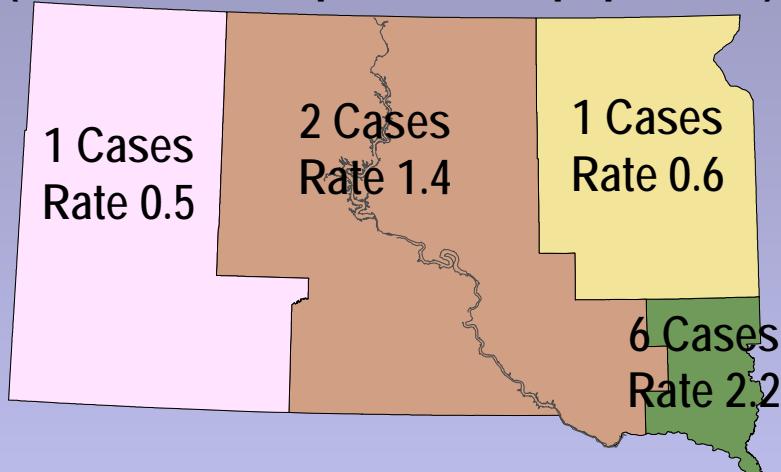


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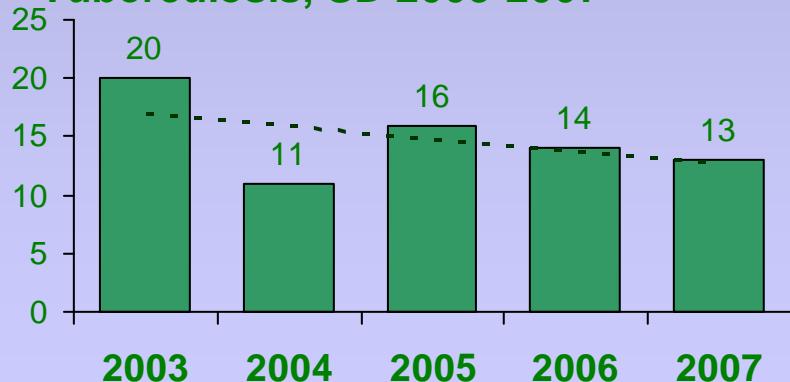
Provisional data

Tuberculosis, South Dakota

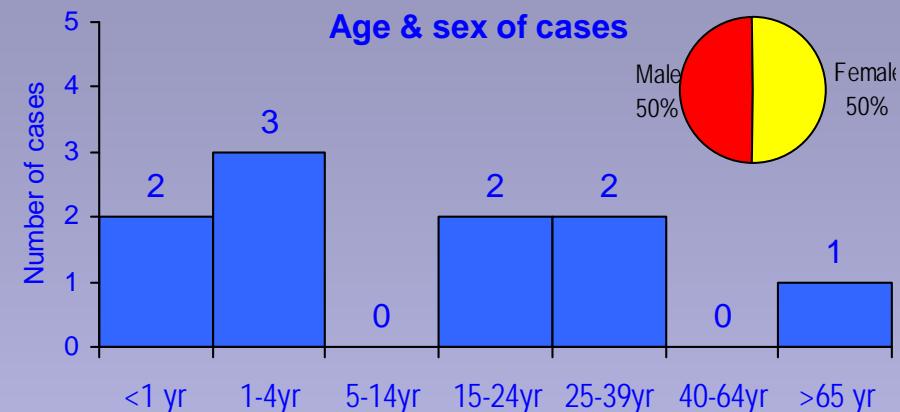
Tuberculosis
South Dakota 10 Cases
(Rate 1.3 cases per 100,000 population)



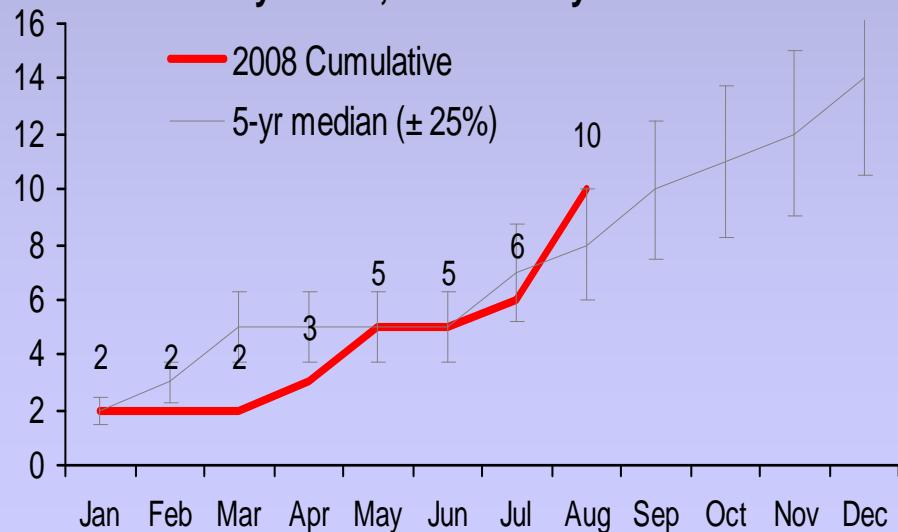
Tuberculosis, SD 2003-2007



Tuberculosis control info: <http://doh.sd.gov/TB>



Cases by month, 2008 and 5-year median

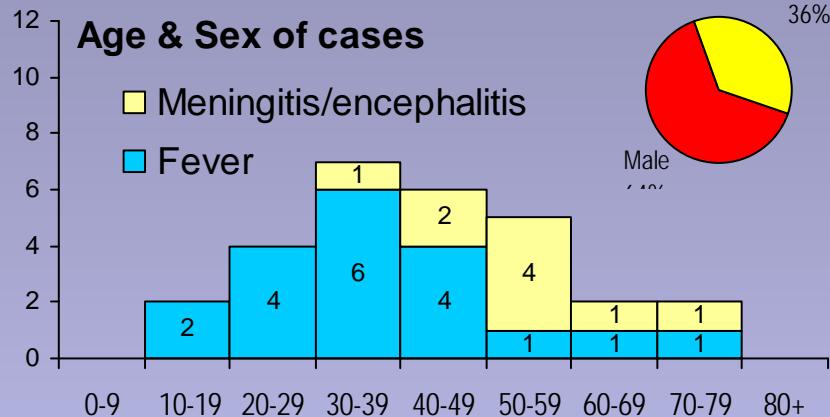
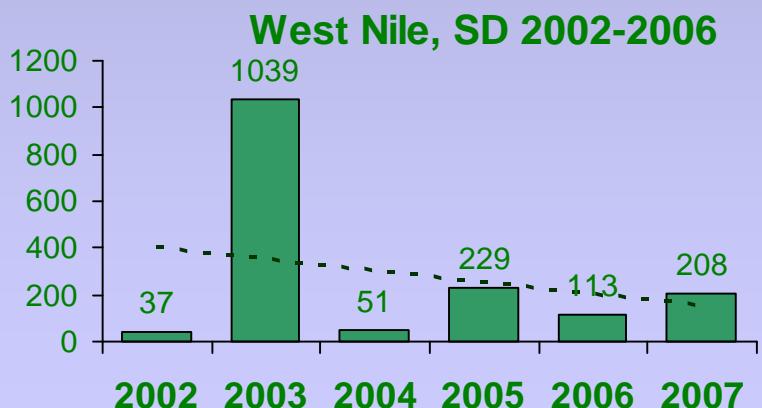
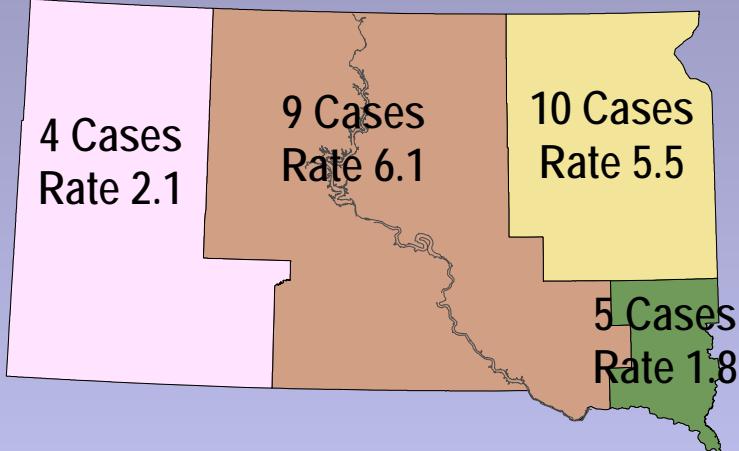


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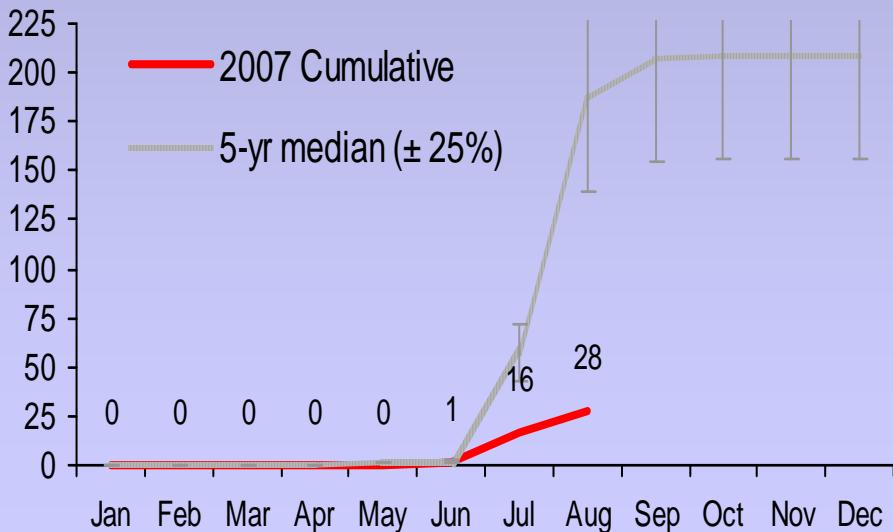
Provisional data

West Nile disease, South Dakota

West Nile
South Dakota 28 Cases
(Rate 3.5 cases per 100,000 population)



Cases by month, 2007 and 5-year median



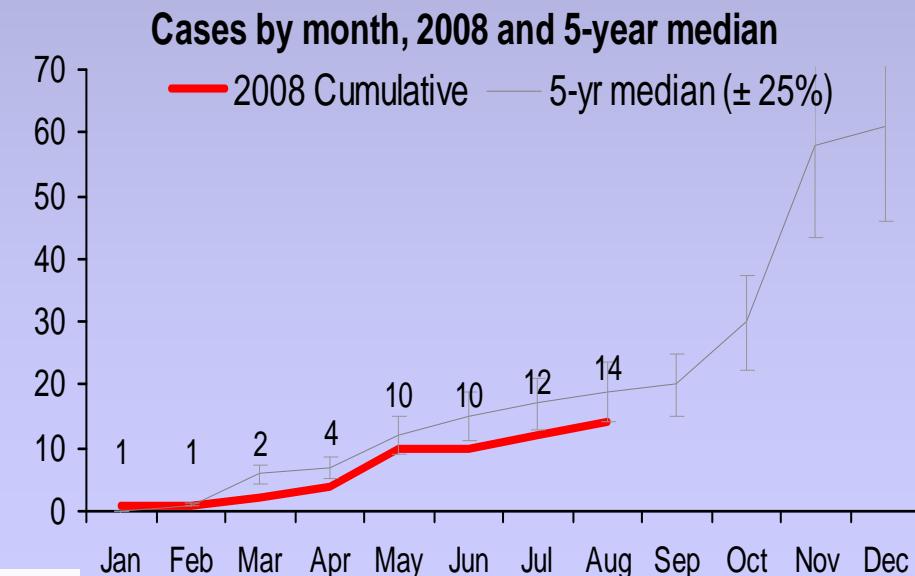
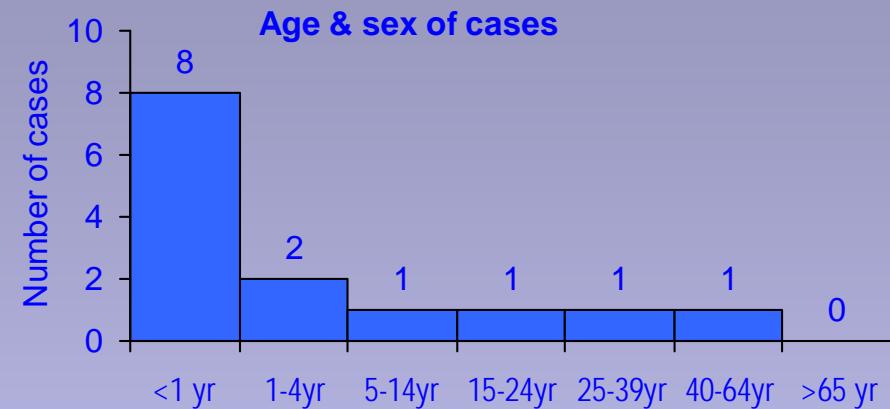
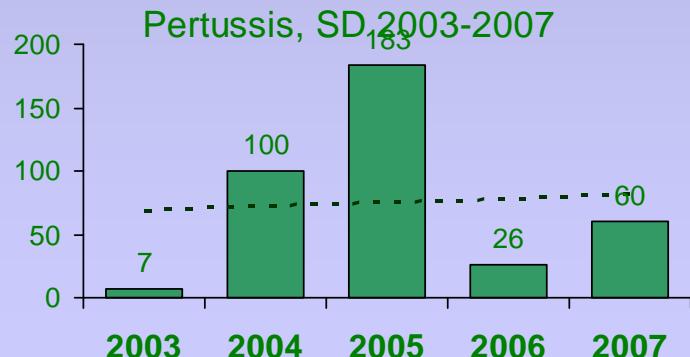
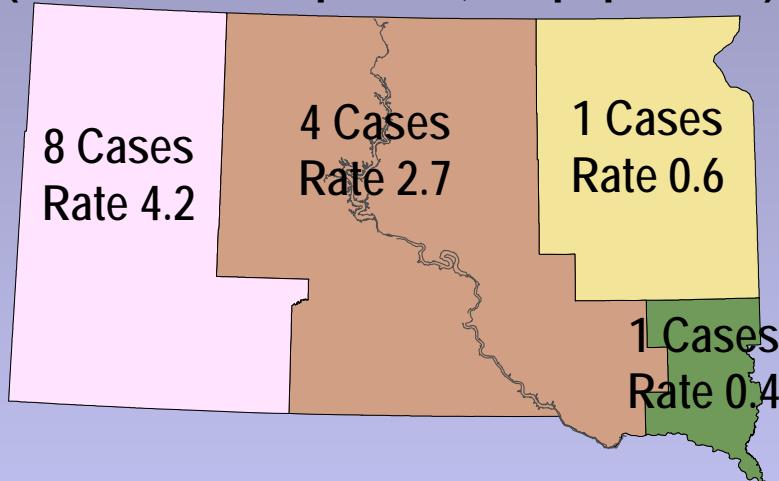
West Nile information: <http://westnile.sd.gov>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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Pertussis, South Dakota

**Pertussis
South Dakota 14 Cases
(Rate 1.8 cases per 100,000 population)**



Pertussis fact sheet: <http://doh.sd.gov/diseasefacts>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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Rabies, South Dakota

County: rabid animals 14

Brookings: skunk 1

Clark: horse 2, skunk 1

Grant: skunk 1

Gregory: skunk 2

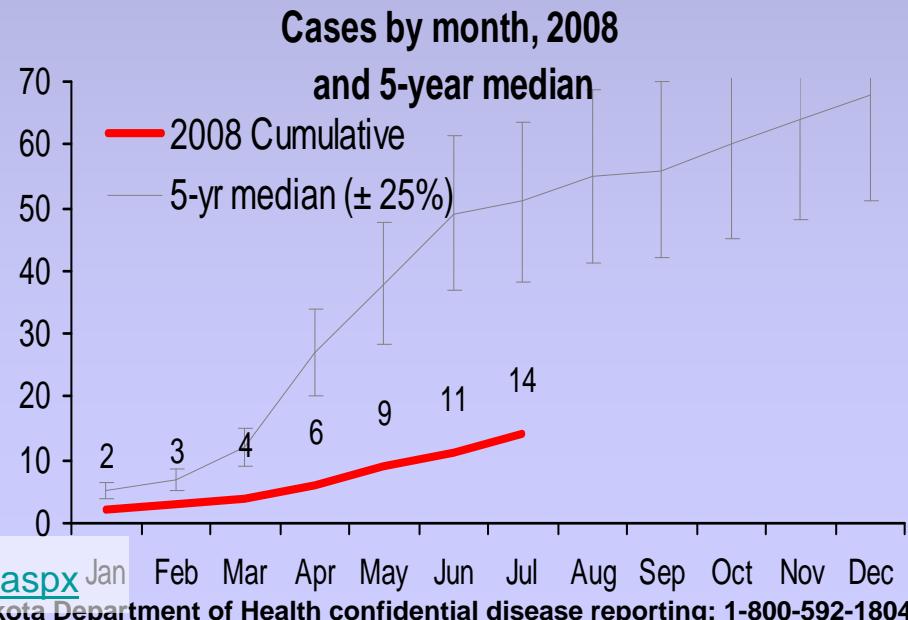
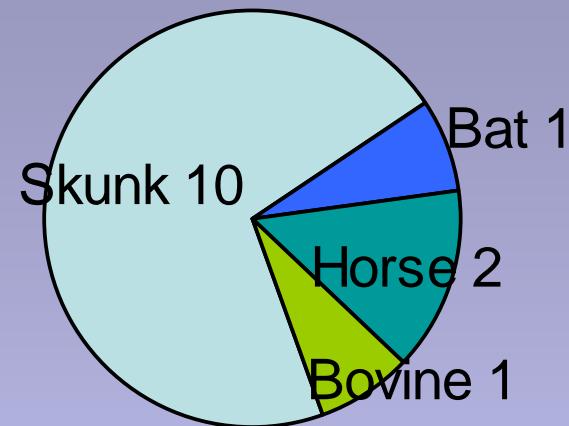
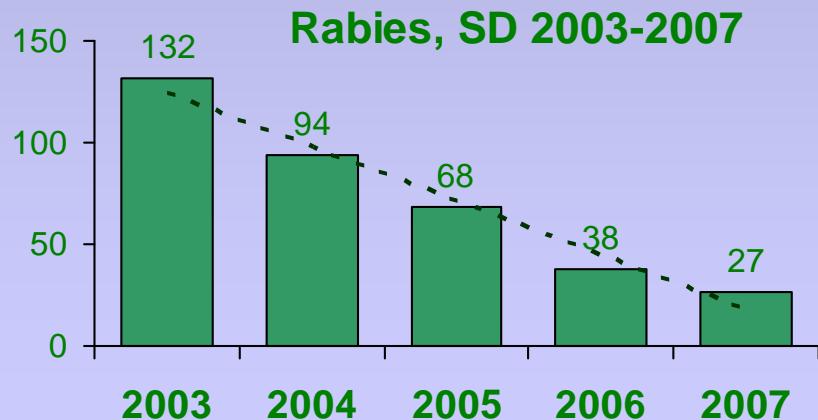
Hamline: skunk 1

Lake: skunk 1

McCook: skunk 2

Minnehaha: bovine 1, bat 1

Meade: skunk 1



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Provisional data

Other diseases, South Dakota, Year-to-date 2008

Disease	Total cases YTD	5-yr median	Central	Northeast	Southeast	West
Chicken pox	20	58	3	0	5	12
Cyclospora	1	0	0	1	0	0
Hepatitis A	1	3	0	1	0	0
Hepatitis B, chronic	16	-	1	1	9	5
Hepatitis E	1	0	-	-	-	-
Legionnaires'	2	3	0	0	0	2
Lyme disease	3	0	1	2	0	0
Meningococcal, invasive	2	3	0	0	1	1
Q Fever	1	0	1	0	0	0
Rocky Mt Spot Fever	3	4	1	0	0	2
Staph toxic shock	1	-	1	0	0	0
Strep A, invasive	16	12	7	2	4	3
Strep B, invasive	10	9	2	2	4	2
Strep pneumo, < 5 years of age	5	-	1	0	3	1
Strep pneumo, drug resistant	4	3	2	0	1	1
Syphilis, early	2	1	0	0	2	0
Tularemia	8	4	5	0	0	3
Typhoid fever	2	0	0	0	2	0

Reportable Diseases List:

<http://doh.sd.gov/Disease/Report.aspx>

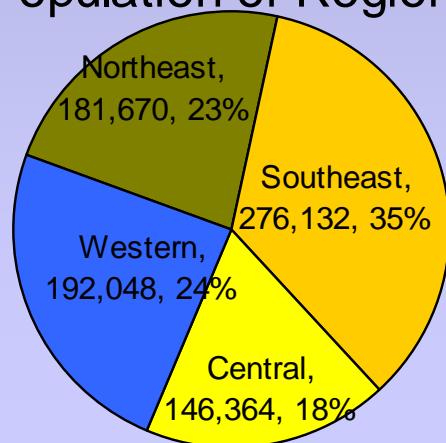


To report infectious diseases

- Secure website: www.state.sd.us/doh/diseasereport
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "Confidential Disease Report"

Case definitions: www.cdc.gov/ncphi/disss/nndss/phs/infdis2008.htm

Population of Regions



South Dakota 2007 population est: 796,214

Monthly surveillance reports
<http://doh.sd.gov/ID/site.aspx>